

What is Claimed is:

1. An apparatus for reproducing an audio presentation provided by transmitted signals, the apparatus comprising:

5 a digital radio, the digital radio programmed to separate signals of a selected instrument from transmitted signals;

an automatic selected instrument adapted to be activated by electrical control signals; and

10 an interface unit for reformatting the separate signals into the control signals.

2. The apparatus as recited in claim 1 wherein the activation of the automatic selected instrument is  
15 synchronized with the separate signals.

3. The apparatus as recited in claim 1 wherein the separate signals are transmitted in the digital carriers of the digital radio transmission.

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4. The apparatus as recited in claim 1 wherein the separate signals are transmitted as a program service component of the transmitted digital radio transmission.

25 5. The apparatus as recited in claim 1 wherein the digital radio programmed to separate signals of a second

selected instrument from transmitted signals; the apparatus further comprising:

a second automatic selected instrument adapted to be activated by electrical control signals; and

5 an interface unit for reformatting the separate signals of the second selected instrument into the control signals for the second automatic selected instruments.

10 6. A method for reproduction of a transmitted audio presentation, the method comprising:

playing the transmitted audio presentation over a speaker system;

15 separating the signals for a selected instrument from the audio;

generating control signals capable of driving a selected automatic instrument; and

driving the selected automatic instrument in synchronism with the audio presentation.

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7. The method as recited in claim 6 further comprising driving the selected automatic instrument in synchronism if the signals separated from the audio presentation.

25 8. An apparatus for reproducing an audio presentation, the apparatus comprising:

a processing unit receiving an audio presentation,  
the processing unit separating selected instrument  
signals from the audio presentation;

at least one speaker responsive to output signals  
5 from the processing unit for reproducing the audio  
presentation;

an interface unit for reformatting the separated  
selected instrument signals from the processing unit into  
control signals; and

10 an automatic selected musical instrument responsive  
to control signals from interface unit for reproducing  
the audio presentation of the selected instrument.

9. The apparatus as recited in claim 8 wherein the  
15 processing unit is included in a digital radio.

10. The apparatus as recited in claim 8 wherein the  
output signal from the processing unit includes the  
separated selected signals.

20 11. The apparatus as recited in claim 8 wherein the  
output signal from the processing unit does not include  
the separated selected signals.

25 12. The apparatus as recited in claim 8 wherein the  
processing unit separates second selected instrument  
signals from the audio presentation;

a second interface unit for reformatting the separated second selected instrument signals from the processing unit into second control signals; and

5 a second automatic selected musical instrument responsive to second control signals from interface unit for reproducing the audio presentation of the second selected instrument.

13. The apparatus as recited in claim 8 wherein the  
10 audio presentation from the speakers is synchronized with the audio presentation of the automatic selected musical instruments.

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